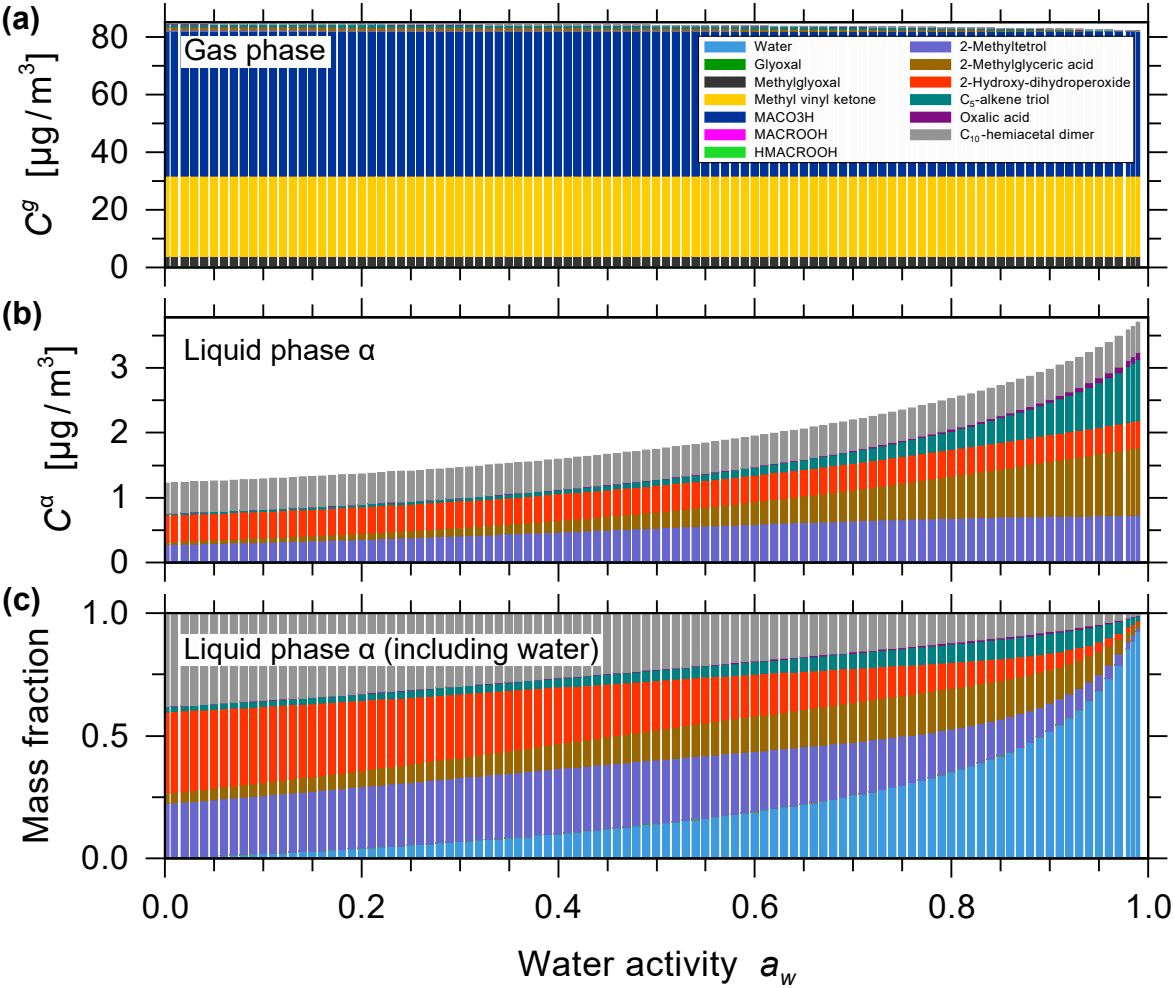
(a)
Gas phase
C^g [μg/m^3]
0
20
40
60
80
Water
Glyoxal
Methylglyoxal
Methyl vinyl ketone
MACO3H
MACROOH
HMACROOH
2-Methyltetrol
2-Methylglyceric acid
2-Hydroxy-dihydroperoxide
C_5-alkene triol
Oxalic acid
C_{10}-hemiacetal dimer
(b)
Liquid phase α
C^α [μg/m^3]
0
1
2
3
(c)
Liquid phase α (including water)
Mass fraction
0.0
0.5
1.0
0.0
0.2
0.4
0.6
0.8
1.0
Water activity a_w